

Summary for Supplementary Tables

Supplementary Table 1. Estimated vaccination coverage with selected vaccines and doses among adolescents aged 13–17 years,* by race/ethnicity[†] -- National Immunization Survey–Teen (NIS-Teen), United States, 2016.

Vaccination coverage for ≥ 1 -dose MenACWY, ≥ 1 -dose HPV (combined and males and females separately), ≥ 2 -doses HPV (combined and males only), and HPV Up-to-Date (UTD) (combined and males only) was higher among Non-Hispanic Black adolescents compared to Non-Hispanic White adolescents. For HPV vaccination coverage, the difference in coverage between Non-Hispanic Black adolescent females and males combined compared with Non-Hispanic White adolescent females and males combined ranged from 6.4 percentage points for ≥ 2 -doses HPV and HPV UTD to 11.2 percentage points for ≥ 1 -dose HPV.

Vaccination coverage was higher for each HPV vaccine dose and HPV UTD for Hispanic adolescents (combined and males only) compared to Non-Hispanic White adolescents. Coverage among Hispanic adolescents was lower for ≥ 1 Tdap, ≥ 2 MMR, ≥ 3 HepB, and ≥ 1 dose varicella vaccine compared to Non-Hispanic White adolescents. Coverage among Hispanic females was higher for ≥ 1 and ≥ 2 HPV doses and the HPV UTD compared to their White female counterparts. The difference in coverage between Hispanic females and males combined compared with Non-Hispanic White females and males combined ranged from 6.7 percentage points to 15.1 percentage points for each dose of HPV vaccine and the HPV UTD measure. Coverage for ≥ 1 -dose HPV was 18.1 percentage points higher for Hispanic males compared to White males.

Non-Hispanic American Indian/Alaska Native adolescents had lower coverage with ≥ 3 HPV doses among males compared with White adolescent males. Coverage for ≥ 3 -dose HPV was 12.6 percentage points lower among Non-Hispanic American Indian/Alaska Native adolescents compared with White adolescents.

Non-Hispanic Asian adolescents had higher ≥ 1 and ≥ 3 HPV doses and HPV Up-To-Date (for combined females and males) and among females, were higher for each HPV dose and Up-To-Date measure compared to White adolescents. Among Non-Hispanic Asians combined compared with Non-Hispanic Whites combined, difference in coverage ranged from +7.6 percentage for HPV UTD to +9.6 percentage points for ≥ 3 -doses of HPV vaccine. Among Asian females, differences in coverage ranged from +11.5 percentage for ≥ 2 -doses of HPV vaccine to +14.6 percentage points for ≥ 3 -doses of HPV vaccine compared with Non-Hispanic Whites females.

Non-Hispanic Multiracial adolescents (females and males combined) had higher coverage with ≥ 1 HPV dose compared with White adolescents. Coverage was 6.0 percentage points higher among Non-Hispanic Multiracial adolescents compared with White adolescents.

Supplementary Table 2. Distribution of Vaccine Providers for adolescents aged 13-17 years, by MSA and provider facility type—National Immunization Survey-Teen (NIS-Teen), United States, 2016.

Adolescents living in non-MSA areas were more likely to have all reported vaccination providers from public facilities (30.4%) compared to those living in MSA non-central cities (10.3%) or MSA central cities (14.4%).

Adolescents living in MSA, central cities were more likely to have all reported vaccination providers from hospital facilities (11.6%) compared with MSA, non-central cities (9.0%).

Adolescents living in MSA, non-central cities were more likely to have all reported vaccination providers from private facilities (60.2%) compared to those living in MSA, central cities (52.9%) and non-MSA areas (27.3%).

Supplementary Table 3. Estimated vaccination coverage with ≥ 1 HPV vaccine among adolescents aged 13-17 years by HHS Region, state, selected local area, and territory—National Immunization Survey-Teen (NIS-Teen), United States, 2013-2016.

During 2013-2016, the average percentage point increase in ≥ 1 -dose HPV vaccination coverage was 5.0 nationally. The significant increases ranged from 2.3 – 7.7.

The largest significant increases were in New York City (7.7), Nevada (7.6), Maryland (7.4), Guam (7.3), New York (7.2), and Alaska (7.1).